

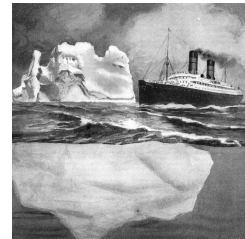
Likelihood of Failure

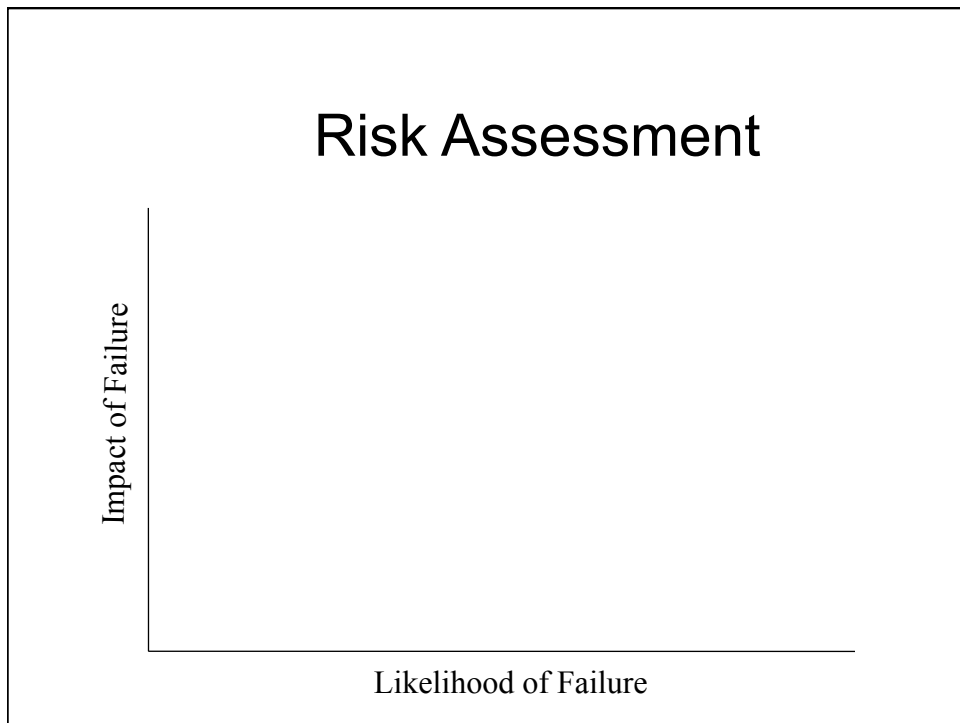
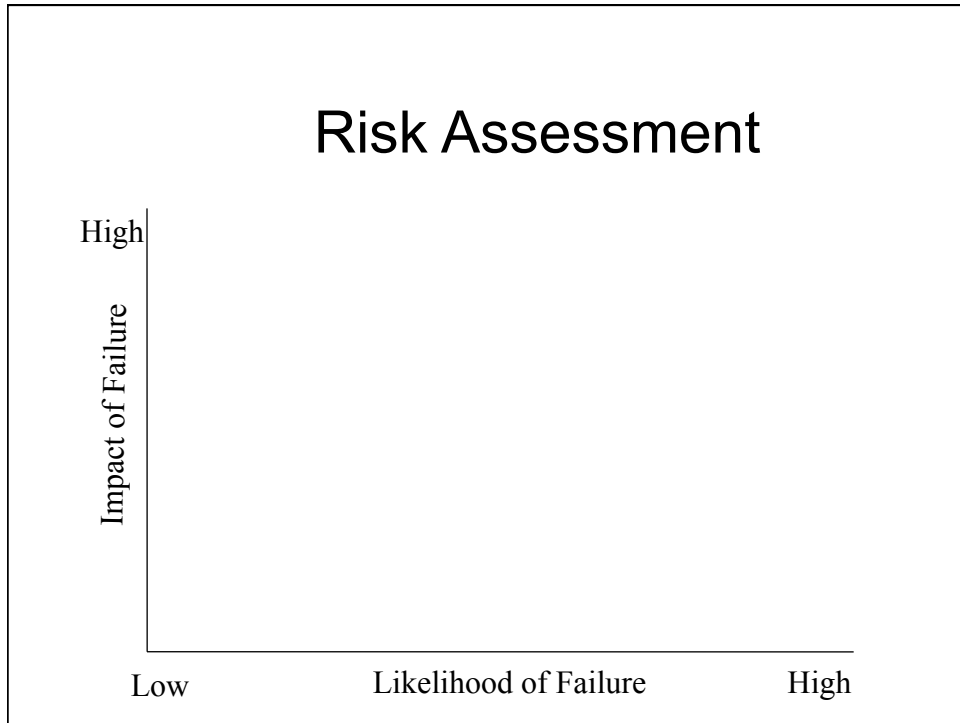
- Complexity
- Size
- Frequency of Use
- $LOF = [(C*3) + (S*2) + F]/3$

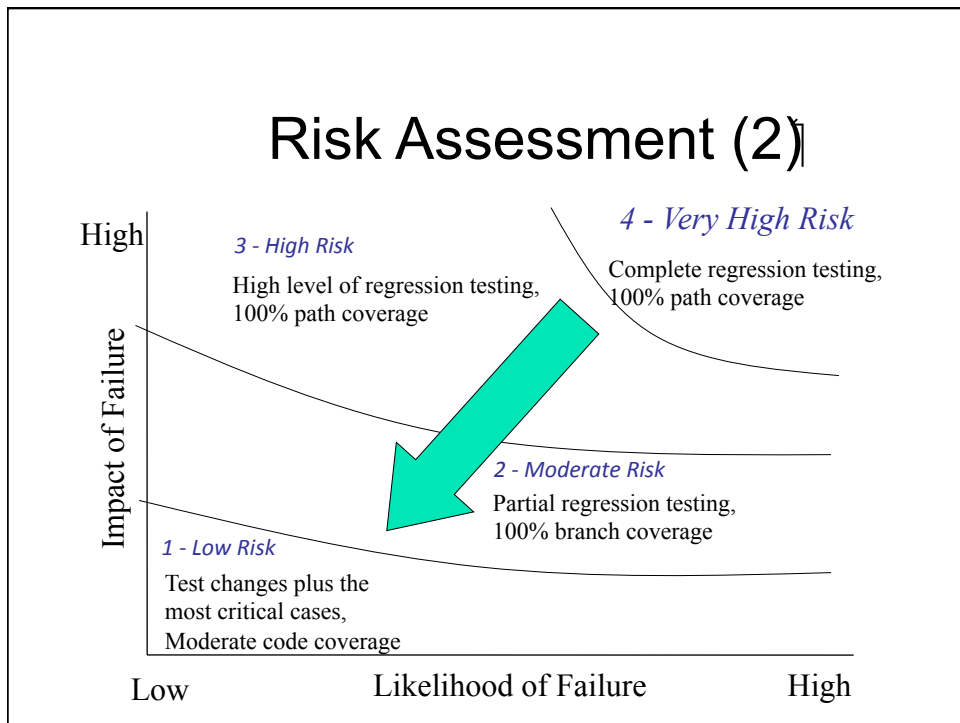
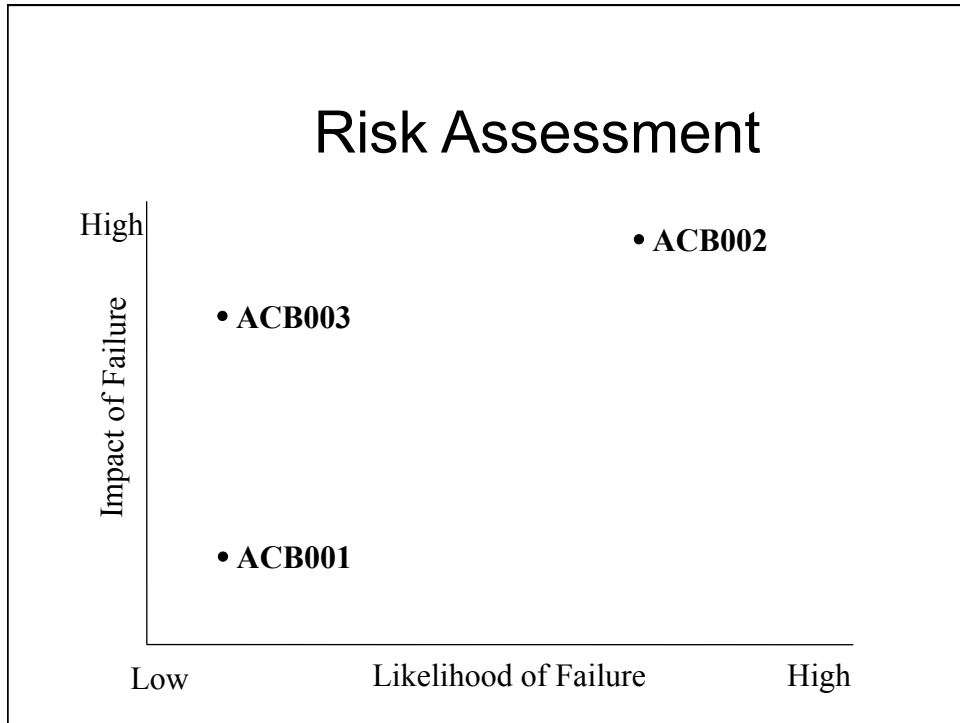


Impact of Failure

- What would happen if this component failed?
- Examples
 - Nobody would notice
 - The business could not function
 - People could die







All it Takes is a Spreadsheet...

| | A | B | C | D | E |
|---|--------------------------|--------------------------------|----------------------------|-------------------|---|
| 1 | Risk Worksheet | | | | |
| 2 | | | | | |
| | Module or Process | Likelihood of Occurance | Impact of Occurance | Risk Score | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | ABC001 | 9 | 9 | 4 | |
| 6 | Process ABC | 3 | 3 | 1 | |
| 7 | | | | | |
| 8 | | | | | |

Ways to Apply the Results

- Influence the development effort
 - Which system components should be developed first
 - Determining the minimal testable requirements
- Influence the testing effort
 - Which components should be tested most rigorously
 - Which types of testing should be applied
 - Determine the level of regression testing
 - Determine the level of test coverage